

A SELECTION FROM THE VAST RANGE OF

# Clarke<sup>TM</sup>

QUALITY PRODUCTS

**AIR COMPRESSORS**

From DIY to industrial. Plus air tools, spray guns and accessories.

**GENERATORS**

Prime duty or emergency standby for business, home and leisure.

**POWER WASHERS**

Hot and cold, electric and engine driven - we have what you need.

**WELDERS**

Mig, Arc, Tig and Spot. From DIY to auto/industrial.

**METALWORKING**

Drills, grinders and saws for DIY and professional use.

**WOODWORKING**

Saws, sanders, lathes, mortisers and dust extraction.

**HYDRAULICS**

Cranes, body repair kits, transmission jacks for all types of workshop use.

**WATER PUMPS**

Submersible, electric and engine driven for DIY, agriculture and industry.

**POWER TOOLS**

Angle grinders, cordless drill sets, saws and sanders.

**STARTER/CHARGERS**

All sizes for car & commercial use.



**Clarke** INTERNATIONAL

For spare parts and servicing, please contact your nearest dealer, or Clarke International on

**020 - 8988 - 7400**

e-mail: [Parts@clarkeinternational.com](mailto:Parts@clarkeinternational.com) e-mail: [Service@clarkeinternational.com](mailto:Service@clarkeinternational.com)

# Clarke<sup>TM</sup>



## INFRA RED HEATERS

Models

DEVIL155 • DEVIL355P • DEVIL355SP

## OPERATING & MAINTENANCE INSTRUCTIONS



## SPECIFICATIONS

| 230vac Model       | Devil 155     | Devil 355P    | Devil 355SP   |
|--------------------|---------------|---------------|---------------|
| Part No :          | 6925100       | 6925105       | 6925115       |
| Wattage :          | 1.5Kw         | 3Kw           | 3Kw           |
| Amps :             | 6A            | 12.5A         | 12.5A         |
| Dimensions (LWH) : | 150x390x270mm | 920x360x510mm | 880x670x510mm |
| Net Weight :       | 3Kg           | 10Kg          | 18Kg          |
| Weight (packed) :  | 4Kg           | 11Kg          | 19Kg          |

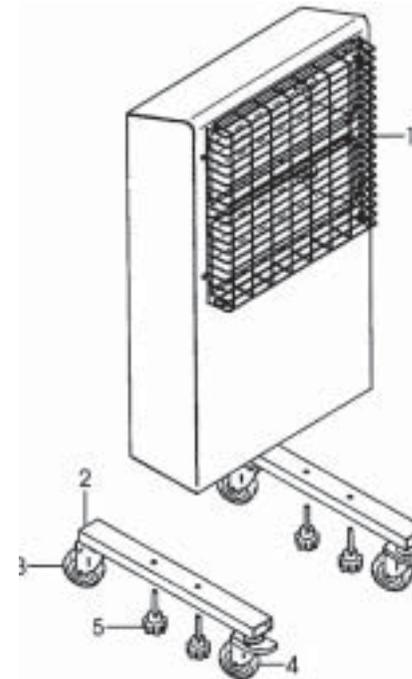
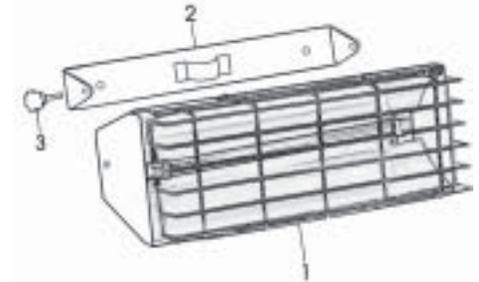
| 110vac Model         | Devil 355P    | Devil 355SP   |
|----------------------|---------------|---------------|
| Part No :            | 6925110       | 6925120       |
| Wattage :            | 3Kw           | 3Kw           |
| Amps :               | 22.5A         | 22.5A         |
| Dimensions (LWH)mm : | 920x360x510mm | 880x670x510mm |
| Net Weight :         | 10Kg          | 18Kg          |
| Weight (packed) :    | 11Kg          | 19Kg          |

Please note that the details and specifications contained herein are correct at the time of going to print. However CLARKE International reserve the right to change specifications at any time without prior notice. Always consult the machines data plate

## SPARE PARTS

### DEVIL155

| No. | Description      | Part No. |
|-----|------------------|----------|
| 1   | Guard.           |          |
| 2   | Wall Bracket.    |          |
| 3   | Securing Knob.   |          |
| 4   | IR Halogen Lamp. |          |

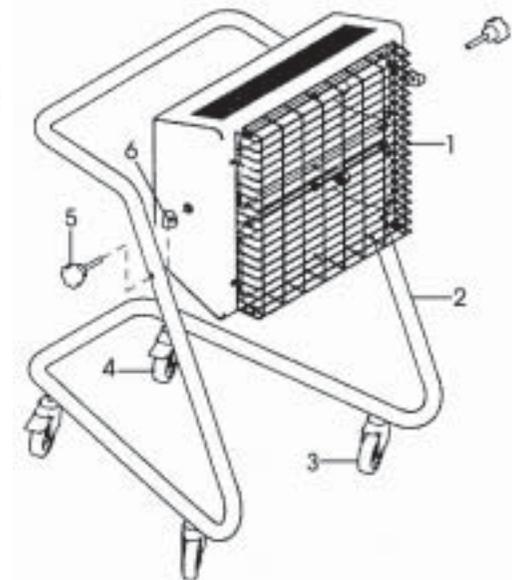


### DEVIL355P

| No. | Description          | Part No. |
|-----|----------------------|----------|
| 1   | Guard.               |          |
| 2   | Support Leg.         |          |
| 3   | Castor (standard).   |          |
| 4   | Castor (with brake). |          |
| 5   | Securing Bolt.       |          |
| 6   | IR Halogen Lamp.     |          |

### DEVIL355SP

| No. | Description          | Part No. |
|-----|----------------------|----------|
| 1   | Guard.               |          |
| 2   | Frame.               |          |
| 3   | Castor (standard).   |          |
| 4   | Castor (with brake). |          |
| 5   | Securing Knob.       |          |
| 6   | Saddle Support.      |          |
| 7   | IR Halogen Lamp.     |          |



## MAINTENANCE

Allow the heater to cool down for at least 15 minutes after switching off, before performing any maintenance tasks.

### Periodically

- Disconnect from the mains supply, remove the guard and wipe the reflectors with a clean dry cloth. DO NOT use abrasive cleaners. Take care NOT to touch the tube with your fingers.
- Inspect the mains cable for damage. Heat damage will cause the cable to stiffen and crack. If this is found, have the cable replaced (refer to your CLARKE dealer), check cable routing and ensure it is well away from the heat source.

## IR Halogen Lamps

**NEVER** handle the heater lamps with bare hands, **ALWAYS** handle using either a soft glove, or a piece of soft cloth wrapped around the lamp.

Before attempting to fit/replace halogen lamps, ensure the heater is switched off and isolated from the main electrical supply by removing the plug from the socket. Also ensure the heater is in an upright position.

1. loosen and remove the two pozidrive screws securing the chromed guard, remove the guard and store removed parts safely.
2. To remove lamp, grasp lamp and gently but firmly push it to one end of the heater, the lamp holders are sprung loaded and will allow the lamp to move sufficiently in order to clear the opposite holder.
3. Remove the lamp and dispose of according to local regulations.
4. Fit new halogen lamp in reverse order, repeat both procedures for second lamp.
5. Replace the guard using the screws removed earlier.

the heater is now ready for use again, and may be plugged in and switched on.

### IMPORTANT

**IF IN ANY DOUBT, ALWAYS CONSULT A QUALIFIED TECHNICIAN. DO NOT CARRY OUT ANY REPAIRS YOURSELF.**

## PARTS & SERVICE

**PARTS & SERVICE TEL: 020 8988 7400**

**or e-mail as follows:**

**PARTS: [Parts@clarkeinternational.com](mailto:Parts@clarkeinternational.com)**

**SERVICE: [Service@clarkeinternational.com](mailto:Service@clarkeinternational.com)**

Thank you for purchasing this Clarke Infra Red Heater.

Before attempting to operate the unit please read this instruction leaflet and carefully follow all directions given. By doing so you will ensure safe operation of the unit and you can also look forward to it providing you with long and trouble free service.

## GUARANTEE

This CLARKE product is guaranteed against faults in manufacture for 12 months from purchase date. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product has been found to have been abused in any way, or not used for the purpose for which it was intended, or to have been tampered with in any way. The reason for return must be clearly stated.

This guarantee does not affect your statutory rights.

## SAFETY PRECAUTIONS

- This heater is for INDOOR USE ONLY.
- ALWAYS disconnect from the mains supply before moving or performing any maintenance tasks.
- ALWAYS use in an upright position ONLY.
- Inspect the mains cable regularly for signs of damage. DO NOT use if it is damaged, and ALWAYS keep it away from the source of heat.
- Ensure the wall mountings, where used, are perfectly sound at all times.
- DO NOT install the heater BELOW an electrical outlet.
- NEVER switch ON the heater when the guard is removed.
- NEVER mount or locate the heater near combustible materials such as curtains, furniture etc. Allow at least 2 metres distance.
- DO NOT use this heater in a bathroom or shower room.
- DO NOT use this heater in greenhouses or construction areas.
- DO NOT mount or locate the heater close to an adjacent wall or ceiling...allow a distance of at least 1 metre from a wall and 25cm from a ceiling.
- NEVER cover the heater, or block any of the vents.
- DO NOT use if the IR Halogen Tubes are damaged or broken.
- NEVER touch the heater for at least 15 minutes after it is switched off.
- DO NOT use this heater in the vicinity of a swimming pool.
- NEVER touch the lamp - even when cold.
- NEVER use the heater with a timer device as this could be a fire hazard should the heater move for any reason whilst unattended.

**Clarke**  
INTERNATIONAL

## ELECTRICAL CONNECTIONS

### 230 Volt Models

Connect the mains lead to a standard, 230 Volt (50Hz) electrical supply through an approved 13 amp BS 1363 plug, or a suitably fused isolator switch.

**WARNING! THIS APPLIANCE MUST BE EARTHED**

**IMPORTANT:** The wires in the mains lead are coloured in accordance with the following code:

Green & Yellow ..... Earth  
Blue ..... Neutral  
Brown ..... Live

As the colours of the flexible lead of this appliance may not correspond with the coloured markings identifying terminals in your plug, or your mains supply, proceed as follows:

- Connect GREEN & YELLOW coloured cord to plug terminal marked with a letter "E" or Earth symbol "⏏" or coloured GREEN or GREEN & YELLOW.
- Connect BROWN cord to terminal marked with a letter "L" or coloured RED.
- Connect BLUE cord to terminal marked with a letter "N" or coloured BLACK.

### Fuse Rating

The fuse in the plug must be replaced with one of the same rating (13 amps) and this replacement must be ASTA approved to BS1362.

### 110 Volt Models

These models **must** be connected to a protected 110V supply, through a suitably approved connector. On no account must a 230V, 13amp (BS1363) plug be used.

**NOTE: If a portable 110V transformer is used, make sure it has a rated capacity sufficient to take the load of the heater.**

In the event that the heater is hard wired into the electrical system, it must be carried out in accordance with IEE regulations.

### CABLE EXTENSION

Always use an approved cable extension suitable for the power rating of this tool (see specifications), the conductor size should also be at least the same size as that on the machine, or larger. When using a cable reel, always unwind the cable completely.

**WARNING!**  
IF YOU ARE IN ANY DOUBT ABOUT ELECTRICAL CONNECTIONS, CONSULT A QUALIFIED ELECTRICIAN.  
NEVER ATTEMPT ELECTRICAL REPAIRS YOURSELF.

## ASSEMBLY

Tools Required: 1 x 13mm ring spanner and 1 x Pozidrive screwdriver (medium).

### A. Devil 155

First, decide where the heater is to be located, ensuring it is at least 25cm (10") from a ceiling and 1 metre from the corner of a room. Also take into account any furniture, draperies or any other flammable or heat sensitive materials or objects, ensuring they are at least 2 metres from the heater. Finally ensure a suitable electrical supply is close to hand (see Safety Precautions).

Mark out the mounting holes on the wall using the mounting bracket as a template. Drill and plug the wall then screw on the bracket firmly. Mount the heater on the wall bracket and connect the power cable to the supply (see Electrical Connections). Alternatively provision is made to mount the bracket on to a support, such as a tripod etc (not supplied).

### IMPORTANT!

**When using the heater, the angle of tilt MUST NOT exceed 45 degrees, as this could lead to the heater overheating. NEVER mount the heater pointing vertically downwards**

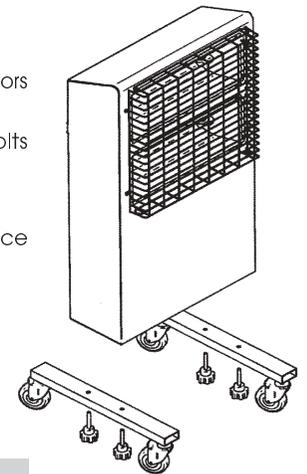
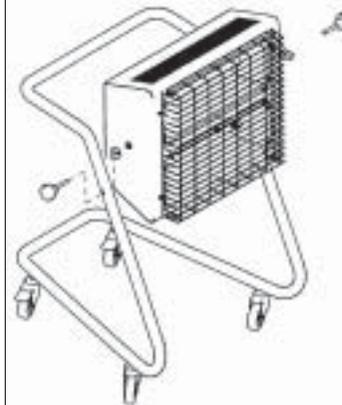
### B. Devil 355P

To reduce the risk of transit damage, the support legs (2), castors (4) and the halogen lamps (2) are not fitted.

Attach the four castors to the support legs using the bolts supplied.

Fitting Halogen lamps (see page 5).

Connect the mains cable to a suitable supply in accordance with the Electrical Connection instructions given previously.



### C. Devil 355SP

Attach the four castors to the frame, using the bolts supplied.

Attach the frame to the heater body in the manner shown in the drawing opposite, using the securing knobs and the four plastic saddle supports located either side of the frame tubing.

Fitting Halogen lamps (see page 5).

Connect the mains cable to a suitable supply in accordance with the Electrical Connection instructions given previously.